

# WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

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October 21, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Dana Dean, P.E., Senior Reclamation Hydrologist

RE: 2001 Fourth Quarter Water Monitoring, Sunnyside Cogeneration Association, Sunnyside Refuse/Slurry, C/007/035-57

**1. Was data submitted for all of the MRP required sites?** YES ☒ NO ☐  
*Identify sites not monitored and reason why, if known:*

**2. On what date does the MRP require a five-year resampling of baseline water data.**  
See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

## **Resampling due date**

During the year preceding each re-permitting action: "Once every five years (prior to each application for permit renewal) one sample from each of the monitoring sites listed in Table 7-2A will be sampled and analyzed for the parameters listed in Table 7-2B." The Permittee should sample for baseline in 2002, 2007, etc.

**3. Were all required parameters reported for each site?** YES ☒ NO ☐  
*Comments, including identity of monitoring site:*

**4. Were irregularities found in the data?**

YES ☒ NO ☐

*Comments, including identity of monitoring site:*

Dissolved potassium at site F-2 (2 mg/l) was 2.49 standard deviations from the mean of 3.42 mg/l. Total dissolved solids at site ICE-1 (3956 mg/l) were 8.43 standard deviations from the mean of 1388.77 mg/l. Specific conductivity at site WELL-1 (510 mg/l) was 2.18 standard deviations from the mean of 1244.20 mg/l.

**5. Were DMR forms submitted for all required sites?**

1 <sup>st</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2 <sup>nd</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
3 <sup>rd</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

All DMRs reported "no flow".

**6. Were all required DMR parameters reported?**

YES ☒ NO ☐

*Comments, including identity of monitoring site:*

All DMRs reported "no flow".

**7. Were irregularities found in the DMR data?**

YES ☐ NO ☒

*Comments, including identity of monitoring site:*

All DMRs reported "no flow".

**8. Based on your review, what further actions, if any, do you recommend?**

No further actions are necessary at this time.